

Ecosystem Interactions Simulation – 60 Points

Visit the site below:

<http://www.shodor.org/interactivate/activities/RabbitsAndWolves/>

1. This site allows you to change a number of parameters, and also includes the role of producers in the ecosystem!
2. Read through the parameters under the “Learner” tab and see the “Help” tab for other issues.
3. Be forewarned that you may experience irritability & feelings of hopelessness during this lab...why??? Because becoming “Mother Nature” is next to impossible and trying to keep an ecosystem running is a tough job!
4. There is ONE major objective for this section:
 - A. Document examples of what happens in the ecosystem over time under various conditions
 - Document a **PREDICTION** for each trial. (2 points each)
 - Document the **PARAMETERS** used in each trial (2 points each)
 - Document the **RESULTS/ANALYSIS** (6 points each)
 - B. You must complete a minimum of 6 different variations. This includes *quantitative* data supporting or refuting predictions you should make **prior** to running a trial and describing the effects on all species in the simulation.